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$%^STN;HighlightOn=  ***;HighlightOff=***  ;

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 NEWS  2           "Ask CAS" for self-help around the clock
 NEWS  3   DEC 05  CASREACT(R) - Over 10 million reactions available
 NEWS  4   DEC 14  2006 MeSH terms loaded in MEDLINE/LMEDLINE
 NEWS  5   DEC 14  2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
 NEWS  6   DEC 14  CA/CAplus to be enhanced with updated IPC codes
 NEWS  7   DEC 21  IPC search and display fields enhanced in CA/CAplus with the
                   IPC reform
 NEWS  8   DEC 23  New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/
                   USPAT2
 NEWS  9   JAN 13  IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
 NEWS 10   JAN 13  New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to
                   INPADOC
 NEWS 11   JAN 17  Pre-1988 INPI data added to MARPAT
 NEWS 12   JAN 17  IPC 8 in the WPI family of databases including WPIFV
 NEWS 13   JAN 30  Saved answer limit increased
 NEWS 14   JAN 31  Monthly current-awareness alert (SDI) frequency
                   added to TULSA

 NEWS EXPRESS  JANUARY 03 CURRENT VERSION FOR WINDOWS IS V8.01,
               CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
               V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT
               http://download.cas.org/express/v8.0-Discover/

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FILE 'HOME' ENTERED AT 12:16:06 ON 15 FEB 2006

=> index all
FILE 'ENCOMPLIT2' ACCESS NOT AUTHORIZED
FILE 'ENCOMPPAT2' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS                                  SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       0.21       0.21

INDEX '1MOBILITY, 2MOBILITY, ABI-INFORM, ADISCTI, AEROSPACE, AGRICOLA,
       ALUMINIUM, ANABSTR, ANTE, APOLLIT, AQUALINE, AQUASCI, AQUIRE, BABS,
       BIBLIODATA, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, BLLDB,
       CABA, CAOLD, CAPLUS, CASREACT, CBNB, CEABA-VTB, ...'
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138 FILES IN THE FILE LIST IN STNINDEX
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Enter SET DETAIL ON to see search term postings or to view
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=> s ((raman) (8a) ((sequenc?) (8a) ("nucleic acid" DNA RNA polynucleotide oligon
  16 FILES SEARCHED...
  20 FILES SEARCHED...
  24 FILES SEARCHED...
<------User Break------>
<------User Break------>


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END

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  60 FILES SEARCHED...

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ALUMINIUM, ANABSTR, ANTE, APOLLIT, AQUALINE, AQUASCI, AQUIRE, BABS, BIBLIODATA,
BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, BLLDB, CABA, CAOLD, CAPLUS,
CASREACT, CBNB, CEABA-VTB, CERAB, CHEMINFORMRX, CHEMSAFE, CIN, CIVILENG,
COMPENDEX, COMPUAB, COMPUSCIENCE, CONFSCI, COPPERLIT, CORROSION, CROPB, CROPU,
CSNB, DDFB, DDFU, DETHERM, DGENE, DISSABS, DKF, DPCI, DRUGB, DRUGU, ELCOM, EMA,
EMBAL, EMBASE, ENCOMPLIT, ENCOMPPAT, ENERGY, ENVIROENG, EPFULL, ESBIOBASE,
FOMAD, FORIS, FRANCEPAT, FRFULL, FROSTI, FSTA, GBFULL, GENBANK, GEOREF,
HEALSAFE, ICONDA, IFICLS, IFIPAT, IMSDRUGNEWS, INFODATA, INIS, INPADOC, INSPEC,
INSPHYS, INVESTEXT, IPA, ITRD, JAPIO, JICST-EPLUS, KOREAPAT, KOSMET, LIFESCI,
LISA, MATBUS, MECHENG, MEDLINE, METADEX, NAPRALERT, NIOSHTIC, NLDB, NTIS,
NUTRACEUT, OCEAN, PAPERCHEM2, PASCAL, PATDD, PATDPA, PATDPAFULL, PATDPASPC,
PCTFULL, PCTGEN, PHARMAML, PHIC, PHIN, PIRA, POLLUAB, PROMT, RAPRA, RSWB,
RUSSIAPAT, SCISEARCH, SOLIDSTATE, SOLIS, SYNTHLINE, TEMA, TEXTILETECH,
TOXCENTER, TRIBO, TULSA, TULSA2, UFORDAT, ULIDAT, USPATFULL, USPAT2, VETB, VETU,
WATER, WELDASEARCH, WPIDS, WPIFV, WPINDEX, WSCA, WTEXTILES'
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COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
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FULL ESTIMATED COST                                       8.54       8.75

=> file medline caplus biosis
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       8.54       8.75

FILE 'MEDLINE' ENTERED AT 12:31:21 ON 15 FEB 2006
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=> s raman (8a) (sequenc? (8a) (DNA RNA genom? "nucleic acid" polynucleotide oligo
   2 FILES SEARCHED...
L1            0 RAMAN (8A) (SEQUENC? (8A) (DNA RNA GENOM? "NUCLEIC ACID" POLYNUC
                LEOTIDE OLIGONUCLEOTIDE))

=> s raman (8a) sequenc?
L2          279 RAMAN (8A) SEQUENC?

=> l2 and (DNA RNA genom? "nucleic acid" polynucleotide oligonucleotide)
L3            0 L2 AND (DNA RNA GENOM? "NUCLEIC ACID" POLYNUCLEOTIDE OLIGONUCLEO
                TIDE)

=> l2 and (DNA RNA genom? "nucleic acid" polynucleotide oligonucleotide nucleic)
L4            0 L2 AND (DNA RNA GENOM? "NUCLEIC ACID" POLYNUCLEOTIDE OLIGONUCLEO
                TIDE NUCLEIC)

=> s l2 and (DNA RNA genom? "nucleic acid" polynucleotide oligonucleotide nucleic)
L5            0 L2 AND (DNA RNA GENOM? "NUCLEIC ACID" POLYNUCLEOTIDE OLIGONUCLEO
                TIDE NUCLEIC)

=> s l2 and (exonuclease)
L6            6 L2 AND (EXONUCLEASE)

=> d ti 1-6

L6   ANSWER 1 OF 6  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Methods and microfluidic apparatus for performing nucleic acid
       ***sequencing***   and detection using surface enhanced   ***Raman***
     spectroscopy

L6   ANSWER 2 OF 6  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Methods to increase nucleotide signals by Raman scattering

L6   ANSWER 3 OF 6  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Methods and device for DNA   ***sequencing***   using   ***Raman***
     spectroscopy

L6   ANSWER 4 OF 6  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Methods and device for DNA   ***sequencing***   using   ***Raman***
     spectroscopy

L6   ANSWER 5 OF 6  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Methods and device for nucleic acid   ***sequencing***   by detecting
       ***Raman***   labeled nucleotides cross-linked to silver or gold
     nanoparticles using Raman spectroscopy

L6   ANSWER 6 OF 6  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Methods for nucleic acid   ***sequencing***   by   ***Raman***
     monitoring


=> d scan 5
DISPLAY FORMATS NOT ALLOWED WITH SCAN IN A MULTIFILE ENVIRONMENT


=> d ab 5

L6   ANSWER 5 OF 6  CAPLUS  COPYRIGHT 2006 ACS on STN
AB   The methods and app. disclosed herein concern nucleic acid
       ***sequencing***   by enhanced   ***Raman***   spectroscopy.  In certain
     embodiments of the invention, nucleotides are covalently attached to Raman
     labels before incorporation into a nucleic acid (13).    ***Exonuclease***
     (15) treatment of the labeled nucleic acid (13) results in the release of
     labeled nucleotides (16, 130), which are detected by Raman spectroscopy.
     In alternative embodiments of the invention, nucleotides released from a
     nucleic acid by   ***exonuclease***   treatment are covalently
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cross-linked to silver or gold nanoparticles and detected by surface enhanced Raman spectroscopy (SERS), surface enhanced resonance Raman spectroscopy (SERRS) and/or coherent anti-Stokes Raman spectroscopy (CARS).

=> d his

(FILE 'HOME' ENTERED AT 12:16:06 ON 15 FEB 2006)

INDEX '1MOBILITY, 2MOBILITY, ABI-INFORM, ADISCTI, AEROSPACE, AGRICOLA, ALUMINIUM, ANABSTR, ANTE, APOLLIT, AQUALINE, AQUASCI, AQUIRE, BABS, BIBLIODATA, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, BLLDB, CABA, CAOLD, CAPLUS, CASREACT, CBNB, CEABA-VTB, ...' ENTERED AT 12:16:24 ON 15 FEB 2006
SEA ((RAMAN) (8A) ((SEQUENC?) (8A) ("NUCLEIC ACID" DNA RNA POLY
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FILE 'MEDLINE, CAPLUS, BIOSIS' ENTERED AT 12:31:21 ON 15 FEB 2006
L1 0 S RAMAN (8A) (SEQUENC? (8A) (DNA RNA GENOM? "NUCLEIC ACID" POLY
L2 279 S RAMAN (8A) SEQUENC?
L3 0 L2 AND (DNA RNA GENOM? "NUCLEIC ACID" POLYNUCLEOTIDE OLIGONUCLE
L4 0 L2 AND (DNA RNA GENOM? "NUCLEIC ACID" POLYNUCLEOTIDE OLIGONUCLE
L5 0 S L2 AND (DNA RNA GENOM? "NUCLEIC ACID" POLYNUCLEOTIDE OLIGONUC
L6 6 S L2 AND (EXONUCLEASE)

=> s l2 and (exonuclease digest? degrad? remov? cut? cleav? nuclease hydroly?)
L7 0 L2 AND (EXONUCLEASE DIGEST? DEGRAD? REMOV? CUT? CLEAV? NUCLEASE HYDROLY?)

=> s l2 and (exonuclease or digest? or degrad? or remov? or cut? or cleav? or
L8 36 L2 AND (EXONUCLEASE OR DIGEST? OR DEGRAD? OR REMOV? OR CUT? OR CLEAV? OR NUCLEASE OR HYDROLY?)

=> d ti 1-36

L8 ANSWER 1 OF 36 MEDLINE on STN
TI Simple multiplex genotyping by surface-enhanced resonance Raman scattering.

L8 ANSWER 2 OF 36 MEDLINE on STN
TI DNA topoisomerase I changes the mode of interaction between camptothecin drugs and DNA as probed by UV-resonance Raman spectroscopy.

L8 ANSWER 3 OF 36 MEDLINE on STN
TI ***Sequence*** dependent DNA conformations: ***Raman*** spectroscopic studies and a model of action of restriction enzymes.

L8 ANSWER 4 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Methods and microfluidic apparatus for performing nucleic acid ***sequencing*** and detection using surface enhanced ***Raman*** spectroscopy

L8 ANSWER 5 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Nucleic acid ***sequencing*** by ***raman*** monitoring of uptake of nucleotides during molecular replication

L8 ANSWER 6 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Methods to increase nucleotide signals by Raman scattering

L8 ANSWER 7 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Methods and device for DNA ***sequencing*** using ***Raman*** spectroscopy

L8 ANSWER 8 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Methods and device for DNA ***sequencing*** using ***Raman*** spectroscopy

L8 ANSWER 9 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Methods and device for nucleic acid ***sequencing*** by detecting ***Raman*** labeled nucleotides cross-linked to silver or gold nanoparticles using Raman spectroscopy

L8 ANSWER 10 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Methods for nucleic acid ***sequencing*** by ***Raman***

monitoring

L8 ANSWER 11 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Simple Multiplex Genotyping by Surface-Enhanced Resonance Raman Scattering

L8 ANSWER 12 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Multiplex genotyping by SERRS using chemically modified oligonucleotides

L8 ANSWER 13 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Internal charge generation in polyvinylidene fluoride films during poling

L8 ANSWER 14 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Raman optical activity studies of the influence of water on structure and dynamics of proteins, viruses and nucleic acids

L8 ANSWER 15 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Influence of thermal dehydrochlorination on the photooxidation kinetics of PVC samples

L8 ANSWER 16 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Photo-induced bleaching and temporal stability of organic nonlinear optical materials in Langmuir-Blodgett films

L8 ANSWER 17 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Combined Chemical and Raman Spectroscopic Determination of Microstructural Arrangement in Poly(2,5-benzophenone)s

L8 ANSWER 18 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI The [Sn5]2- cluster compound [K-(2,2,2-crypt)]2Sn5. Synthesis, crystal structure, Raman spectrum, and hierarchical relationship to CaIn2

L8 ANSWER 19 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Correlation between photo-induced bleaching and temporal stability on optical nonlinear Langmuir-Blodgett films

L8 ANSWER 20 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Sequence-specific changes in the metal site of ferric bleomycin induced by the binding of DNA

L8 ANSWER 21 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Molecular modeling of DNA using Raman and NMR data, and the ***nuclease*** activity of 1,10-phenanthroline-copper ion

L8 ANSWER 22 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Detection of specific base sequences in DNA using probes bonded to noble metals and Raman spectrometry

L8 ANSWER 23 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Surface-enhanced Raman spectroscopy as an in situ real-time probe of catalytic mechanisms at high gas pressures: The NO-H2 reaction on rhodium

L8 ANSWER 24 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Waveguide resonance Raman spectroscopy of ***degraded*** PVC

L8 ANSWER 25 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Considerations for Raman spectroscopic determination of polyene length distribution in ***degraded*** poly(vinyl chloride)

L8 ANSWER 26 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI ***Degradation*** of oriented poly(vinyl chloride) films in the presence of metal chlorides

L8 ANSWER 27 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Formation of conjugated polyenes by chemical and thermal ***degradation*** of vinyl chloride copolymers and other vinyl polymers

L8 ANSWER 28 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Resonance Raman spectrum of ***degraded*** poly(vinyl chloride). 4. Determination of conjugated polyene sequence lengths

L8 ANSWER 29 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Protein influences on porphyrin structure in cytochrome c

L8 ANSWER 30 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Resonance Raman spectrum of ***degraded*** poly(vinyl chloride). 3.

Background studies

L8 ANSWER 31 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Pulse sequenced CARS: background suppression and nonlinear interferences

L8 ANSWER 32 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Resonance Raman spectrum of thermally ***degraded*** poly(vinyl chloride)

L8 ANSWER 33 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
TI Dimethylgold(III) halides and pseudohalides. Reactions, Raman, infrared, and proton magnetic resonance spectra, and structure

L8 ANSWER 34 OF 36 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
TI DNA topoisomerase I changes the mode of interaction between camptothecin drugs and DNA as probed by UV-resonance Raman spectroscopy.

L8 ANSWER 35 OF 36 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
TI TYROSINE CODON CORRESPONDS TO TOPA QUINONE AT THE ACTIVE SITE OF COPPER AMINE OXIDASES.

L8 ANSWER 36 OF 36 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
TI STRUCTURAL CHARACTERIZATION OF FIBROBLAST HUMAN INTERFERON-BETA-1.

=> s l2 and (DNA or RNA or genom? or "nucleic acid" or polynucleotide or oli
<------User Break------>

SEARCH ENDED BY USER
2 FILES SEARCHED...

=> s l2 (8a) (DNA or RNA or genom? or "nucleic acid" or polynucleotide or ol
<------User Break------>

SEARCH ENDED BY USER
2 FILES SEARCHED...

=> s l2 (5a) (DNA or "nucleic acid" or ?nucleotide?)
<------User Break------>

SEARCH ENDED BY USER
2 FILES SEARCHED...

=> d his

(FILE 'HOME' ENTERED AT 12:16:06 ON 15 FEB 2006)

INDEX '1MOBILITY, 2MOBILITY, ABI-INFORM, ADISCTI, AEROSPACE, AGRICOLA, ALUMINIUM, ANABSTR, ANTE, APOLLIT, AQUALINE, AQUASCI, AQUIRE, BABS, BIBLIODATA, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, BLLDB, CABA, CAOLD, CAPLUS, CASREACT, CBNB, CEABA-VTB, ...' ENTERED AT 12:16:24 ON 15 FEB 2006
SEA ((RAMAN) (8A) ((SEQUENC?) (8A) ("NUCLEIC ACID" DNA RNA POLY
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FILE 'MEDLINE, CAPLUS, BIOSIS' ENTERED AT 12:31:21 ON 15 FEB 2006
L1 0 S RAMAN (8A) (SEQUENC? (8A) (DNA RNA GENOM? "NUCLEIC ACID" POLY
L2 279 S RAMAN (8A) SEQUENC?
L3 0 L2 AND (DNA RNA GENOM? "NUCLEIC ACID" POLYNUCLEOTIDE OLIGONUCLE
L4 0 L2 AND (DNA RNA GENOM? "NUCLEIC ACID" POLYNUCLEOTIDE OLIGONUCLE
L5 0 S L2 AND (DNA RNA GENOM? "NUCLEIC ACID" POLYNUCLEOTIDE OLIGONUC
L6 6 S L2 AND (EXONUCLEASE)
L7 0 S L2 AND (EXONUCLEASE DIGEST? DEGRAD? REMOV? CUT? CLEAV? NUCLEA
L8 36 S L2 AND (EXONUCLEASE OR DIGEST? OR DEGRAD? OR REMOV? OR CUT?
L*** 12 S L2 AND (DNA OR RNA OR GENOM? OR "NUCLEIC ACID" OR POLYNUC
L*** 7 S L2 (8A) (DNA OR RNA OR GENOM? OR "NUCLEIC ACID" OR POLYNU
L*** 8 S L2 (5A) (DNA OR "NUCLEIC ACID" OR ?NUCLEOTIDE?)

=> d ab 8, 10-12

L8 ANSWER 8 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
AB The methods and app. disclosed herein concern nucleic acid

***sequencing*** by enhanced ***Raman*** spectroscopy. In certain embodiments of the invention, ***exonuclease*** treatment of the nucleic acids 109 results in the release of nucleotides. The nucleotides may pass from a reaction chamber through a microfluidic channel and enter a nanochannel or microchannel. The nanochannel or microchannel may be packed with nanoparticle aggregates contg. hot spots for Raman detection. As the nucleotides pass through the nanoparticle hot spots, they may be detected by surface enhanced Raman spectroscopy (SERS), surface enhanced resonance Raman spectroscopy (SERRS) and/or coherent anti-Stokes Raman spectroscopy (CARS). Identification of the sequence of nucleotides released from the nucleic acid provides the nucleic acid sequence. Other embodiments of the invention concern app. for nucleic acid sequencing.

L8 ANSWER 10 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
AB The disclosed methods, app. and compns. are of use for nucleic acid sequencing. More particularly, the methods and app. concern sequencing single mols. of single stranded DNA or RNA by exposing the mol. to ***exonuclease*** activity, ***removing*** free nucleotides one at a time from one end of the nucleic acid, and identifying the released nucleotides by Raman spectroscopy or FRET.

L8 ANSWER 11 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
AB The accurate detection of DNA sequences is essential for a variety of post human genome projects including detection of specific gene variants for medical diagnostics and pharmacogenomics. A specific DNA ***sequence*** detection assay based on surface-enhanced resonance ***Raman*** scattering (SERRS) and an amplification refractory mutation system (ARMS) is reported. Initially, generation of PCR products was achieved by using specifically designed allele-specific SERRS active primers. Detection by SERRS of the PCR products confirmed the presence of the sequence tested for by the allele-specific oligonucleotides. This lead directly to the multiplex genotyping of human DNA samples for the .DELTA.F508 mutational status of the cystic fibrosis transmembrane conductance regulator gene using SERRS active primers in an ARMS assay. ***Removal*** of the unincorporated primers allowed fast and accurate anal. of the three genotypes possible in this system in a multiplex format without any sepn. of amplicons. The results indicate that SERRS can be used in modern genetic anal. and offers an opportunity for the development of novel assays. This is the first demonstration of the use of SERRS in multiplex genotyping and shows potential advantages over fluorescence as a detection technique with considerable promise for future development.

L8 ANSWER 12 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
AB The accurate detection of DNA sequences is essential for a variety of post human genome projects including detection of specific gene variants for medical diagnostics and pharmacogenomics. A DNA ***sequence*** detection system based on surface enhanced resonance ***Raman*** scattering (SERRS) using specifically designed primer ***sequences*** , that had been chem. modified to make them SERRS active in an ARMS assay, is reported. This lead directly to the multiplex genotyping of human DNA samples for the DF508 mutational status of the cystic fibrosis transmembrane conductance regulator gene using SERRS. ***Removal*** of the unincorporated primers allowed fast and accurate anal. of the three genotypes possible in a multiplex format without any sepn. of amplicons. This is the first demonstration of the use of SERRS in multiplex genotyping and shows potential advantages over fluorescence as a nucleic acid detection technique with considerable promise for future development by applying chem. manipulation to a phys. technique.

=> d his

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INDEX '1MOBILITY, 2MOBILITY, ABI-INFORM, ADISCTI, AEROSPACE, AGRICOLA, ALUMINIUM, ANABSTR, ANTE, APOLLIT, AQUALINE, AQUASCI, AQUIRE, BABS, BIBLIODATA, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, BLLDB, CABA, CAOLD, CAPLUS, CASREACT, CBNB, CEABA-VTB, ...' ENTERED AT 12:16:24 ON 15 FEB 2006
SEA ((RAMAN) (8A) ((SEQUENC?) (8A) ("NUCLEIC ACID" DNA RNA POLY
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FILE 'MEDLINE, CAPLUS, BIOSIS' ENTERED AT 12:31:21 ON 15 FEB 2006
L1 0 S RAMAN (8A) (SEQUENC? (8A) (DNA RNA GENOM? "NUCLEIC ACID" POLY
L2 279 S RAMAN (8A) SEQUENC?

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L3              0 L2 AND (DNA RNA GENOM? "NUCLEIC ACID" POLYNUCLEOTIDE OLIGONUCLE
L4              0 L2 AND (DNA RNA GENOM? "NUCLEIC ACID" POLYNUCLEOTIDE OLIGONUCLE
L5              0 S L2 AND (DNA RNA GENOM? "NUCLEIC ACID" POLYNUCLEOTIDE OLIGONUC
L6              6 S L2 AND (EXONUCLEASE)
L7              0 S L2 AND (EXONUCLEASE DIGEST? DEGRAD? REMOV? CUT? CLEAV? NUCLEA
L8             36 S L2 AND (EXONUCLEASE OR DIGEST? OR DEGRAD? OR  REMOV? OR  CUT?
L***           12 S L2 AND (DNA OR  RNA OR  GENOM? OR  "NUCLEIC ACID" OR  POLYNUC
L***            7 S L2 (8A) (DNA OR  RNA OR  GENOM? OR  "NUCLEIC ACID" OR  POLYNU
L***            8 S L2 (5A) (DNA OR "NUCLEIC ACID" OR ?NUCLEOTIDE?)

=> logoff
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                      ENTRY     SESSION
FULL ESTIMATED COST                                  130.25      139.00

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
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